

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. NOR/933A		SERIAL NO. 10/O30,723							
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)  (37 CFR 1.98(b))				APPLICANT James Scott Tyler									
				FILING DATE January 11, 2002		GROUP							
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
N	A.A	3	2	9	4	6	7	0	12/27/66	Charschan et al.	204	298	10/7/63
N	A.B	3	6	4	1	9	7	3	2/15/72	Shrader	118	49	11/25/70
N	A.C	4	2	0	8	1	5	9	6/17/80	Uehara et al.	414	225	
N	A.D	4	2	5	2	5	9	5	2.24.81	Yamamoto et al.	156	345	
N	A.E	4	2	7	8	5	2	8	7.14.81	Kuehnle et al.	204	298	10/9/79
N	A.F	4	3	1	8	7	6	7	3/9/82	Hijkata et al.	156	345	
N	A.G	4	3	3	6	4	3	8	6/22/82	Uehara et al.	219	121PG	9/16/80
N	A.H	4	4	0	5	4	3	5	9/20/83	Tateishi et al.	204	298	
N	A.I	4	4	1	8	6	3	9	12/6/83	Wills et al.	118	50	5/19/81
N	A.J	4	5	5	0	2	4	2	10/1985	Uehara et al.	156	345	
N	A.K	4	5	5	0	2	3	9	10/29/85	Uehara et al.	219	121PG	9/27/82
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS													
		DOCUMENT NUMBER		PUBLICATION DATE		COUNTRY OR PATENT OFFICE		CLASS	SUBCLASS	TRANSLATION (YES/NO)			
N	A.L	DE 3935002		4/1991		Germany				Abstract Only			
N	A.M	2828066		9/1998		Japan				Abstract Only			
N	A.N	59-164696		9/1984		Japan				Abstract Only			
N	A.O	04-123430		4/1992		Japan				Abstract Only			
N	A.P	03-023137		1/1991		Japan				Abstract Only			
N	A.Q	04-311044		11/1992		Japan				Abstract Only			
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)													
N	A.R	Panasonic Factory Automation Company, <u>Plasma Cleaning Systems</u> , Brochure, 11/2000											
N	A.S	Panasonic Factory Automation Company, Japanese Brochure, 11/2000											
N	A.T	March Instruments, Inc., <u>In-Line Plasma System</u> , Brochure, 8/1995											
EXAMINER <div style="font-size: 2em; margin-left: 100px;">R</div>										DATE CONSIDERED <div style="font-size: 1.5em; margin-left: 100px;">3-10-04</div>			
EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance <u>and</u> not considered. Include a copy of this form with next communication to applicant.													

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(37 CFR 1.98(b))

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>R</i>	B.A	4	5	7	5	2	9	9	3/1986	Layton	414	222	
<i>R</i>	B.B	4	5	8	4	0	4	5	4/1986	Richards	156	345	
<i>R</i>	B.C	4	6	3	7	8	5	3	1/20/87	Bumble et al.	156	345	
<i>R</i>	B.D	4	7	0	5	4	4	4	11/1987	Tullis et al.	118	729X	
<i>R</i>	B.E	4	7	7	0	1	2	1	9/13/88	Ebata et al.	118	686	2/3/87
<i>R</i>	B.F	4	8	1	6	6	3	8	3/28/89	Ukai et al.	219	121.43	10/20/87
<i>R</i>	B.G	4	8	1	6	1	1	6	3/1989	Davis	156	643	
<i>R</i>	B.H	4	8	4	0	7	0	2	6/20/89	Schumacher, III	156	643	12/29/87
<i>R</i>	B.I	4	8	8	9	6	0	9	12/26/89	Canella	204	298	
<i>R</i>	B.J	5	0	3	0	0	5	6	7/9/91	Kitayama et al.	414	749	7/23/90
<i>R</i>	B.K	5	0	4	4	8	7	1	9/1991	Davis et al.	414	786	

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
<i>R</i>	B.L	03-159143	7-1991	Japan			Abstract Only
<i>R</i>	B.M	6-21032	1/1994	Japan			Abstract Only
	B.N						
	B.O						
	B.P						
	B.Q						

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

<i>R</i>	B.R	March Instruments, Inc., <u>TAC Technology Advancement Center</u> , Brochure, 2/1995
<i>R</i>	B.S	Materials Research Corporation, <u>1.12 Inline production magnetron sputtering</u> , Journal Article, 3 pages
<i>R</i>	B.T	Von Dr.-Ing M. Nowotnick, <u>Fraunhofer-Einrichtung fur Zuverlassigkeit und Mikrointegration (IZM), Berlin, Plasmabehandlung als umweltfreundliche Alternative in der Leiterplattenfertigung</u> , Galvanotechnik D-88348 Saulgau 86 (1995) Nr. 4; Journal Article, 6 pages

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>2</i>	C.A	5 0 7 9 0 3 1	1/1992	Yamazaki et al.	118	729X	
<i>2</i>	C.B	5 0 8 6 7 2 9	2/11/92	Katagiri	118	729	6/13/89
<i>2</i>	C.C	5 1 1 6 6 4 0	5/1992	Mikami et al.	118	719X	
<i>2</i>	C.D	5 2 1 6 2 2 3	6/1/93	Straemke	219	121.43	2/25/91
<i>2</i>	C.E	5 2 5 9 9 4 2	11/1993	Kempf	204	298.25	
<i>2</i>	C.F	5 2 8 6 2 9 6	2/1994	Sato	118	719	
<i>2</i>	C.G	5 2 8 8 6 8 4	2/1994	Yamazaki et al.	118	723 E X	
<i>2</i>	C.H	5 2 9 2 3 9 3	3/1994	Maydan	156	345	
<i>2</i>	C.I	5 3 0 2 0 7 7	4/1994	Sato	414	609	
<i>2</i>	C.J	5 3 0 3 6 7 1	4/19/94	Kondo et al.	118	719	
<i>2</i>	C.K	5 3 1 0 4 1 0	5/1994	Begin	29	25.01	

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

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	C.L						
	C.M						
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	C.O						
	C.P						
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EXAMINER INITIAL	D.A.	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	D.A	5	3	1	4	2	9	8	5/1994	Kim	414	797.9	
	D.B	5	3	4	5	0	5	6	9/6/94	Frei et al.	219	121.59	12/12/91
	D.C	5	3	8	7	2	6	5	2/1995	Kakizaki et al.	118	730X	
	D.D	5	4	3	3	3	7	1	7/18/95	Morisako	228	180.5	10/13/93
	D.E	5	4	8	0	0	5	2	1/2/96	Furr et al.	216	71	10/22/93
	D.F	5	4	9	2	2	6	5	2/20/96	Wandke	228	205	12/20/94
	D.G	5	5	1	5	9	8	6	5/1996	Turlot et al.	156	345X	
	D.H	5	5	4	2	5	5	9	8/6/96	Kawakami et al.	216	67	2/14/94
	D.I	5	5	7	3	5	9	7	11/12/96	Lantsman	118	723MP	
	D.J	5	5	7	6	6	2	9	11/19/96	Turner et al.	324	709	10/24/94
D.K	5	5	8	7	2	0	5	12/24/96	Saito et al.	427	553		

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D.L.	D.M.	D.N.	D.O.	D.P.	D.Q.	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)

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2	E.A	5	6	0	9	2	9	0	3/11/97	Bobbio et al.	228	206	4/20/95
2	E.B	5	6	3	4	7	6	5	6/3/97	Miyoshi	414	786	6/7/95
2	E.C	5	6	4	7	9	4	2	7/1997	Haji	156	281	
2	E.D	5	7	0	7	4	8	5	1/13/98	Rolfson et al.	156	643.1	12/20/95
2	E.E	5	7	6	7	0	0	8	6/1998	Haji	438	612	
2	E.F	5	7	7	9	8	0	7	7/1998	Dornfest et al.	134	1.2	
2	E.G	5	8	2	3	4	1	6	10/20/98	Haji	228	4.5	7/9/96
2	E.H	5	9	5	8	5	1	0	9/1991	Sivaramakrishnam et al.	427	255.6	
2	E.I	5	9	7	2	1	6	3	10/26/99	Haji	156	345	2/6/98
2	E.J	6	0	9	3	9	0	4	7/25/00	Haji	219	121.45	7/15/98
2	E.K	6	3	3	1	3	4	7	12/18/01	Haji	428	209	4/1/98

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	E.L						
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